Benchtop Conductivity Meter
LX101BCM

Email: info@labdex.com **website:** www.labdex.com

Description

Benchtop Conductivity Meter LX101BCM comes with 1 - 5 point calibration system for automatic recognition of the known calibration standards. Equipped with LCD display which helps to view the measurements and set parameters. It has system of conductivity meter which can set up parameters like reference temperature, cell constant etc. Intelligent operation system provides features including user management, calibration management which improves the accuracy of conductivity meter.

Specifications

Conductivity measurement range	0.000 µS/cm to 3000 mS/cm
Conductivity accuracy	± 0.5 % FS
Conductivity resolution	0.001 µS/cm minimum, various with range selection
Conductivity reference temperature	5, 10, 15, 18, 20, 25°C
Conductivity calibration points	Up to 5
Conductivity standard recognition	146.5 µS/cm, 1408 µS/cm, 12.85 mS/cm, 111.3 mS/cm
Resistivity range	5.00 Ω cm - 100.00 MΩ cm
Resistivity resolution	0.01 Ω cm minimum
Resistivity accuracy	± 0.5 % FS
TDS range	0.000 mg/L - 1000 g/L
TDS resolution	0.001 mg/L minimum, changed with range
TDS accuracy	± 0.5 % FS

Salinity type	NaCl %
Salinity range	0.00 - 8.00 %
Salinity resolution	0.01 %
Salinity accuracy	± 0.1 %
Temperature range	-5 to 130°C
Temperature resolution	0.1°C
Temperature accuracy	± 0.1°C
Display	LCD
Power supply	AC Adapter, 100 - 240 V AC input, DC 24 V output
Dimension (L × W × H)	280 x 280 x 130 mm
Weight	3 Kg

Features

- Equipped with LCD touch screen display
- Intelligent operation system with user management
- 1 - 5 Point calibration with automatic recognition of calibration solution
- Automatic/Manual temperature compensation for accurate measured value over the entire range
- Reset function automatically resumes all the settings to default mode
- Stores up to 1000 sets of data and support USB and RS-232 for transfer
- System menu allows setting different parameters
- Automatic power off helps to reduce battery power consumption

Applications

- Used in water quality analysis, research, education, environmental monitoring, chemicals & liquids quality testing etc. for measuring conductivity.

Standard Accessories

- Conductivity standard solution
- 84uS/cm
- 1413uS/cm
- 12.88mS/cm

71-75 Shelton Street Covent Garden, London WC2H 9JQ UK.

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